



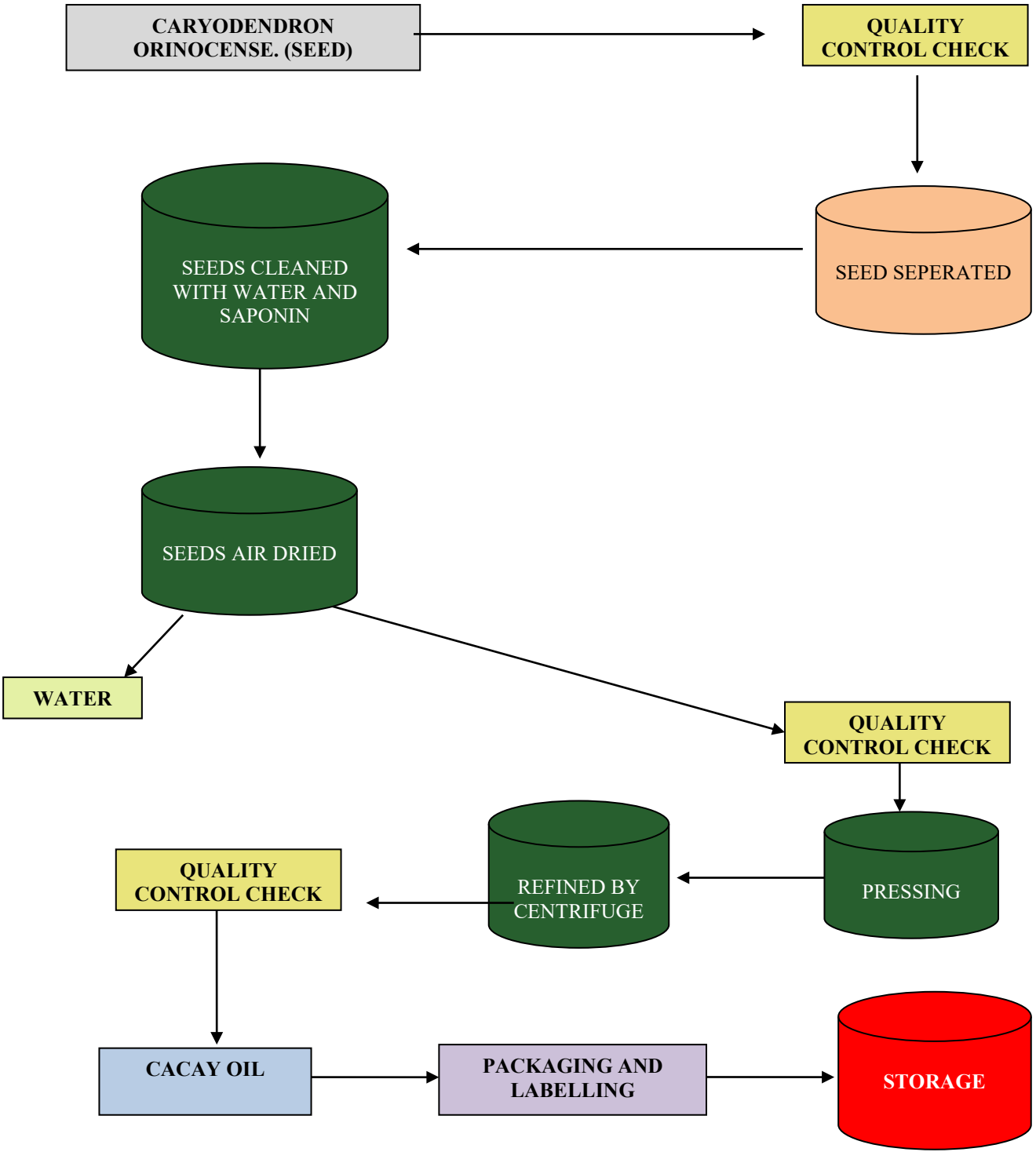
Certificate of Analysis

PRODUCT DETAILS		
Product Name	CACAY OIL	
Product Code	OVCACA	
Tariff Number	15159060	
Country of Origin	Brazil	
Batch Number	4352906	
Best Before End	March 2021	
Identification	CAS No: 1453469-52-7	EC No: N/A
PHYSICAL AND CHEMICAL CHARACTERISTIC		
	SPECIFICATION RANGE	RESULTS
Appearance	Liquid	Conforms
Colour	Yellow to Brown	Conforms
Odour	Characteristic	Conforms
Relative Density @ 20°C	0.900 - 0.980	0.925
Refractive Index @ 20°C	1.400 - 1.490	1.477
Acid Value (mgKOH/g)	≤20.0	0.24
Peroxide Value (Meq/kg)	≤30.0	3.9
Saponification Value (mgKOH/g)	150.0 - 250.0	192
Iodine Value (gI ₂ /100g)	100.0 - 180.0	160
FATTY ACID PROFILE (%)		
	SPECIFICATION RANGE	RESULTS
C14:0 Myristic Acid	0.1 - 0.3	0.1
C16:0 Palmitic Acid	8.0 - 13.0	8.2
C16:1 Palmitoleic Acid	0.1 - 0.3	0.1
C18:0 Stearic Acid	2.0 - 5.0	2.1
C18:1 Oleic Acid	8.0 - 16.0	8.1
C18:2 Linoleic Acid	55.0 - 85.0	72.7
C20:0 Arachidic Acid	<0.7	0.3
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	

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Issue No: 1

PROCESSING – CACAY OIL FLOW CHART





SAFETY DATA SHEET CACAY OIL

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	CACAY OIL
Product code	OVCACA
Synonyms; trade names	Caryodendron Orinocense Seed Oil
CAS number	1453469-52-7

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Industrial, only for professional use
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1.3. Details of the supplier of the safety data sheet

Supplier	MADAR Corporation Limited 19-20 Sandleheath Industrial Estate Fordingbridge Hampshire SP6 1PA Tel. +44 1425 655555 (Opening Hours 9am - 5pm) e-mail sales@madarcorporation.co.uk
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1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

2.2. Label elements

Hazard statements	NC Not Classified
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2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

Product name	CACAY OIL
CAS number	1453469-52-7

SECTION 4: First aid measures

4.1. Description of first aid measures

CACAY OIL

Inhalation	Remove person to fresh air and keep comfortable for breathing. Maintain an open airway. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if any discomfort continues.
Skin contact	Remove contamination with soap and water or recognised skin cleansing agent. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

General information No further information available at this time.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use as appropriate carbon dioxide (CO₂), dry chemical or foam

Unsuitable extinguishing media For safety reasons do not use full water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards No data available.

Hazardous combustion products No data available.

5.3. Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours. Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters Wear full protective clothing

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. Keep unnecessary and unprotected personnel away from the spillage. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. Use suitable respiratory protection if ventilation is inadequate. Wash thoroughly after dealing with a spillage.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Cover with inert, inorganic, non-combustible material (e.g dry-lime, sand, soda ash). Place in covered containers and dispose of in accordance with local authority guidelines. Never return spills in original containers for re-use. Wash spill site after material pick up is complete.

6.4. Reference to other sections

CACAY OIL

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use. Use personal protection equipment as mentioned under "exposure controls and personal protection". Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. Use only outdoors or in a well-ventilated area. If ventilation is inadequate, suitable respiratory protection must be worn. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not empty into drains. Do not eat, drink or smoke when using this product. Avoid release to the environment.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide eyewash station Provide adequate ventilation.

Personal protection

Use personal protection according to Directive 89/686/EEC

Eye/face protection

Approved safety goggles.

Hand protection

Chemical resistant gloves (PVC)

Other skin and body protection

Wear apron or protective clothing in case of contact.

Hygiene measures

Good personal hygiene procedures should be implemented.

Respiratory protection

Generally unnecessary in a well ventilated area.
If ventilation is insufficient, respiratory protection must be worn.

Environmental exposure controls

Avoid discharging into drains. Do not allow run-off fire fighting to enter drains or water courses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Liquid.

Colour

Yellow. to Brown.

Odour

Characteristic.

Relative density

0.900 - 0.980 @ 20°C

9.2. Other information

Refractive index

1.400 - 1.450 @ 20°C

Hydrocarbon Content

CACAY OIL

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity This product is stable and non reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stability Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Product does not exhibit any dangerous reactions under normal conditions. Hazardous polymerization will not occur.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid Avoid contact with strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide and other non identified organic compounds may be formed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No data available.

Acute toxicity - oral

Notes (oral LD₅₀) No information available.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) No information available.

Skin sensitisation

Skin sensitisation No information available.

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity

Acute toxicity - microorganisms No information required.

Chronic aquatic toxicity

Toxicity to soil No data available.

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

Mobility No data available.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

CACAY OIL

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Do not empty into drains.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance CHIP for everyone HSG228.

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 08/01/2019

Revision 1

SDS number 5267

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Product Specification

PRODUCT DETAILS	
Product Name	CACAY OIL
Product Code	OVCACA
Tariff Number	15159060
Country of Origin	Brazil
INCI Name	Caryodendron Orinocense Seed Oil
Natural Status	We hereby declare, to the best of our knowledge and from information received from our supplier, that this product is in accordance to the requirements of Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as natural. This product does not contain any solvents or additives.
Food Grade Status	Not Food Grade
Kosher Certified	Not Certified
Halal Certified	Suitable
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms.
Manufacturing Process	Please request Flowchart.
Identification	CAS No: 1453469-52-7 EC No: N/A
PHYSICAL AND CHEMICAL CHARACTERISTIC	
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Vegan and Vegetarian Statement

IDENTIFICATION	
Product:	CACAY OIL
Cas No:	1453469-52-7
EINECS No:	N/A
STATEMENT	
<p>We, MADAR Corporation Limited, from information received from our supplier, hereby declare that the material listed above is compliant with a vegan or vegetarian diet.</p> <p>It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.</p> <p>This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.</p>	